

**UNIVERSITI TEKNOLOGI MARA**

**Automated Event Extraction From Email Using Pattern  
Matching Technique**

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Thesis submitted in fulfillment of the requirements for  
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**Quantitative Science**

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## **APPROVAL**

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## **DECLARATION**

I confess that this thesis and the research to which it refers are the product of my own work and any ideas or quotation from the work of other people, published or otherwise are fully acknowledge in accordance with the standard referring practices the discipline.

04 MAY 2007

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## **ABSTRACT**

Email has become a popular communication media today. It's not only used for communication but also become an announcement media. One such example is announcements of different types of event. In many environments, seminar announcements, meeting announcements, workshop and etc., flood the inbox of users. A significant amount of time is spent for each user to read the message, extract some important information from the announcement and then update their calendar. This process is time consuming and tedious. And because of that, users just leave important announcements in the inbox and then miss them. Therefore, the objective of this research is to develop an event extraction engine to make the process of jotting the information into calendar will be done automatically. The information extraction is done using the pattern matching (also known as knowledge engineering) approach.

## **TABLE OF CONTENT**

<b>ACKNOWLEDGEMENTS</b>	<b>i</b>
<b>ABSTRACT</b>	<b>ii</b>
<b>TABLE OF CONTENT</b>	<b>iii</b>
<b>LIST OF TABLES</b>	<b>vi</b>
<b>LIST OF FIGURES</b>	<b>vi</b>
<b>CHAPTER 1 : INTRODUCTION</b>	<b>1</b>
1.0 Background of Project	1
1.1 Problem Description	2
1.2 Objectives of Project	2
1.3 Scope of Project	3
1.4 Significance of Project	3
1.5 Conclusion	4
<b>CHAPTER 2 : LITERATURE REVIEW</b>	<b>5</b>
2.0 Introduction	5
2.1 The history of email	6
2.3 Modern internet email	7
2.3 Email and event management	8
2.4 Information Extraction: Introduction	11
2.5 Information Extraction: technique and Algorithm	12
2.5.0 Syntactic Rule	14
2.5.1 Natural Language Processing and Information Extraction	16
2.6 Conclusion	20
<b>CHAPTER 3 : METHODOLOGY</b>	<b>21</b>
3.0 Introduction	21
3.1 Knowledge Acquisition	23